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L21: Entry 15 of 16

File: DWPI

Dec 15, 1974

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DERWENT-ACC-NO: 1975-63547W

DERWENT-WEEK: 197538

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TITLE: Potato tuber scissionsstreatment compn. - contg. aq. soln. contg. oleic, caprylic and ascorbic acids

Basic Abstract Text (1):

Formation of periderm protecting tuber scissious against infection is promoted by treatment with an aq. soln. contng. 0.5 wt.% of oleic acid, 0.3 wt.% of caprylic acid, and 0.01 wt.% of ascorbic acid. Oleic acid (and also iso-oleic acid and linoleic acid) undergoes beta-oxidation reaction caused by coenzyme A; this intensifies the citric acid cycle, whereby a protective layer of metabolism products is formed on the surface of the scission, cell division is promoted and periderm is uniformly formed. The content of glycol-alkaloids is increased. This compsn. is superior to the ascorbic acid-malt compsn. used for this purpose heretofore. In an example, 12 ml. of technical oleic acid (50-60% of oleic and isooleic acid, 20-25% of linoleic acid, 12-15% of satd. acids, and 4-5% of unsaponifiable substances) is mixed with 6 ml. of caprylic acid, 100 mg. of ascorbic acid and 200 ml. of ethyl or methyl alcohol; then water is added to 1 l. Parts of potato tubers are treated with this soln. and, after 48-60 hrs., periderm contng. 4-5 layers of newly-formed cells is developed (total thickness 90-110 mu).

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L21: Entry 1 of 16

File: DWPI

Apr 26, 1994

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DERWENT-ACC-NO: 1994-174172

DERWENT-WEEK: 199421

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TITLE: Antifreeze compsn imparting corrosion resistance to IC engines - comprises glycol, corrosion inhibitor other than silicate, and citric acid

Basic Abstract Text (3):

In an example, an antifreeze compsn. was prepd. by mixing (in wt.%) citric acid (0.005%), para-tert. butyl benzoic acid (3.0), octanoic acid (3.0), 75% phosphoric acid (0.4), sodium nitrite (0.5), benzotriazole (0.3), sodium salt of mercaptobenzothiazole (0.3), KOH (1.5), water (2.0), ethylene glycol (88.984), dye (0.01), foaming agent (0.001), at pH 7.9. The applied test condition of JIS K 2234 was antifreeze concn. of 30%, temp. of 88 deg.C, aeration of 100ml/min., and test duration of 336 hrs., with Al, cast iron, steel, bronze, solder, and copper. All the tested metals showed a wt. loss of less than 0.04 mg/cm2.

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1221 Entry 16 of 16

File: DWPI

Nov 19, 1973

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DERWENT-ACC-NO: 1974-12253V

DERWENT-WEEK: 197407

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TITLE: Food preservation with enzymes - significantly increasing length of preserving time

Basic Abstract Text (1):

Enzymes, which degrade microbial cell walls, in combination with one or more compds. selected from glycine, cystine, cysteine, propyleneglycol, caprylic acid monoglyceride, invertase, vitamin B1-HCl, and citric acid, can be used as food preservatives. The examples of the enzymes are lysozyme or lysozyme salts and cell-wall degrading enzymes produced by *Bacillus subtilis*, *Streptomyces griseovilens*, and *Brevibacterium lyticum*. The combinations are effective in preserving foods such as milk, meat, fruit juice, bean curd, and flour. In an example, the addn. of a soln. contg. egg white lysozyme 10 ppm, citric acid 0.1, glycine 0.5 and cystine 0.005% to a bean curd prepn. preserved the food for a period equiv. to double the preserving time of the control.

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L21: Entry 11 of 16

File: DWPI

Apr 23, 1984

DERWENT-ACC-NO: 1984-137475

DERWENT-WEEK: 198422

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TITLE: Antioxidant coating compsn. for fat-and-oil-contg. food - comprises tocopherol, fats and l-ascorbic, gallic and/or citric acid oils, and ethanol

Basic Abstract Text (1):

Compsn. consists of 0.06-9.9 wt.% of tocopherol (e.g. natural tocopherol, synthetic dl-alpha tocopherol), 0.3-10 wt.% of fats and oils, 0.0005-0.5 wt.% of at least one of L-ascorbic acid, gallic acid and citric acid and 79.6-99.9 wt. % of ethanol (pref. more than 70% vol.). Pref. fats and oil are soy bean oil, rapeseed oil, olive oil or MCT (medium chain fatty acid triglyceride, e.g. mainly capric acid, caprylic acid, triglyceride of capric acid, etc.).

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L21: Entry 6 of 16

File: DWPI

Feb 16, 1989

**Preferences****L gout**

DERWENT-ACC-NO: 1989-272464

DERWENT-WEEK: 198938

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TITLE: Liquid modifier and setting time extender for plaster - based on citric acid, borax, caprylic acid and carboxymethyl cellulose

Basic Abstract Text (1):

The liquid compsn. is based on citric acid, borax, caprylic acid and carboxymethyl cellulose. It delays the setting time of plaster between 45 minutes and 4 hours, retains its manageability, gives better mechanical properties and surface strength, and increases moisture rejection.

Standard Title Terms (1):

LIQUID MODIFIED SET TIME EXTEND PLASTER BASED CITRIC ACID BORAX CAPRYLIC ACID CARBOXYMETHYL CELLULOSE

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L21: Entry 12 of 16

File: DWPI

Jul 19, 1983

DERWENT-ACC-NO: 1983-744805

DERWENT-WEEK: 198334

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TITLE: Antiseptic; fungicidal compsn. - prepd. by dissolving acidic cpd(s). e.g. tartaric acid and medium chain fatty acid in ethanol

Basic Abstract Text (1):

Compsn. is prepd. by dissolving 1 or more acidic substances selected from citric acid, succinic acid, tartaric acid, malic acid, acetic acid, lactic acid. gluconic acid, fumaric acid monosodium salt, phosphoric acid, phosphoric acid monosodium salt and acidic sodium pyrophosphate, and medium size chain fatty acids selected from caprylic acid, capric acid, lauric acid and myristic acid, in ethanol.

INT-CL (IPC): A61K 9/02

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KMIC	Draw. De
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☐ 10. Document ID: JP 60013850 A**Using default format because multiple data bases are involved.**

L21: Entry 10 of 16

File: DWPI

Jan 24, 1985

DERWENT-ACC-NO: 1985-058449

DERWENT-WEEK: 198510

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TITLE: Curing accelerator of wet curing type resin - with terminal silyl or silanol gp. comprises phosphorene and acid material

PRIORITY-DATA: 1983JP-0122153 (July 4, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60013850 A	January 24, 1985		005	

INT-CL (IPC): C08F 8/00; C08G 85/00; C08K 5/00; C08K 13/02; C08L 101/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KMIC	Draw. De
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☐ 11. Document ID: JP 59071387 A**Using default format because multiple data bases are involved.**

L21: Entry 11 of 16

File: DWPI

Apr 23, 1984

DERWENT-ACC-NO: 1984-137475

DERWENT-WEEK: 198422

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TITLE: Antioxidant coating compsn. for fat-and-oil-contg. food - comprises tocopherol, fats and l-ascorbic, gallic and/or citric acid oils, and ethanol

PRIORITY-DATA: 1982JP-0181375 (October 18, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59071387 A	April 23, 1984		004	

INT-CL (IPC): C09K 15/06

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	References	Claims	KMIC	Draw. De
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☐ 12. Document ID: JP 58121204 A, JP 84045643 B**Using default format because multiple data bases are involved.**

L21: Entry 12 of 16

File: DWPI

Jul 19, 1983

DERWENT-ACC-NO: 1983-744805

DERWENT-WEEK: 198334

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TITLE: Antiseptic, fungicidal compsn. - prepd. by dissolving acidic cpd(s). e.g. tartaric acid and medium chain fatty acid in ethanol

PRIORITY-DATA: 1982JP-0004487 (January 13, 1982)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 58121204 A</u>	July 19, 1983		007	
<u>JP 84045643 B</u>	November 7, 1984		000	

INT-CL (IPC): A01N 31/02; A01N 37/00; A01N 59/26; A23L 3/34

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. De
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☐ 13. Document ID: JP 56148250 A

Using default format because multiple data bases are involved.

L21: Entry 13 of 16

File: DWPI

Nov 17, 1981

DERWENT-ACC-NO: 1981-96003D

DERWENT-WEEK: 198152

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TITLE: Additive for preserving boiled noodles - comprises glycine, fatty acid glyceride and alkali salt of organic acid

PRIORITY-DATA: 1980JP-0053316 (April 21, 1980)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 56148250 A</u>	November 17, 1981		003	

INT-CL (IPC): A23L 1/16

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	K/MC	Draw. De
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☐ 14. Document ID: JP 55102519 A, JP 88026120 B

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L21: Entry 14 of 16

File: DWPI

Aug 5, 1980

DERWENT-ACC-NO: 1980-66696C

DERWENT-WEEK: 198038

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TITLE: Interferon stabilisation prior to lyophilisation - by treating with aq. soln. of nonionic surfactant, antibiotic, carboxylic acid, chelating agent and aromatic aminoacid

PRIORITY-DATA: 1979JP-0009939 (January 31, 1979)